1 Aug, 2012

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**Progress Report – 1 Jul 2012 – 31 Jul 2012**

Contract Number: HSHQDC-06-D-00022

Contract Number 7500097279

Order Number: HSCG23-07-J-TED150

Task Order – Performance Work Statement (PWS) 1.12

Attachments: (1) SAROPS subcontractor financial reports

1. **SAROPS Systems Component Services Tasks**
   1. **Activities completed:**
      1. **Finished documenting the numbers in the Planner xml. This documentation is a list of text nodes in plan\_result.xml, coupled with a few comments identifying them. I still need to do times.txt” for planner, but this should be easier now and I can wrap that up this month.**
      2. **The new documentation consists of producing the numbers that are used to compute the numbers that are picked off from the xml now. For example, I now output “SumOfWeights” and “SumOfWeightTimesPos,” where the sums go over different sets of particles. In a bravo run, CumPos is SumOfInitialWeightTimesPosFromAll divided by SumOfInitialWeights, and these latter two numbers are now identified and printed out. Here “initial” means the weight going into the alpha run, as opposed to the weight going into the bravo run.**
      3. **Cleaned up quite a bit of sailboat voyage. It works better now provided that I’m not asked to route find through a complicated maze of islands. I can get around a stray island or two, but I can’t wend my way out of Puget Sound or find an inlet into a well-protected cove. For that, I need the user to provide a voyage that does most of the heavy lifting.**
      4. **Worked on NY Shoreline. Found some problems and am now debugging. These problems arose when a new version of NY Shoreline came from ASA. The problems are in my code. They simply were not exposed in the old data.**
      5. **Vacation for a week**
   2. **Travel completed:**
   3. **Upcoming activities scheduled:**
      1. **Get the land refinement algorithm working.**
   4. **Travel planned:**
      1. **None**
   5. **Concerns or recommendations:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Activity Worked** | **Hours Worked** | **Hourly Cost** | **Total Cost** |
| Kratzke | Coding/Doc/Travel | 106.5 | 248.93 | 26511 |
| Stone | Doc | 0 | 223 | 0 |
| L White (Tech Writer) |  | 0 |  | 0 |
|  |  |  |  |  |
| **Totals** |  | 90 |  | 26511 |
|  |  |  |  |  |